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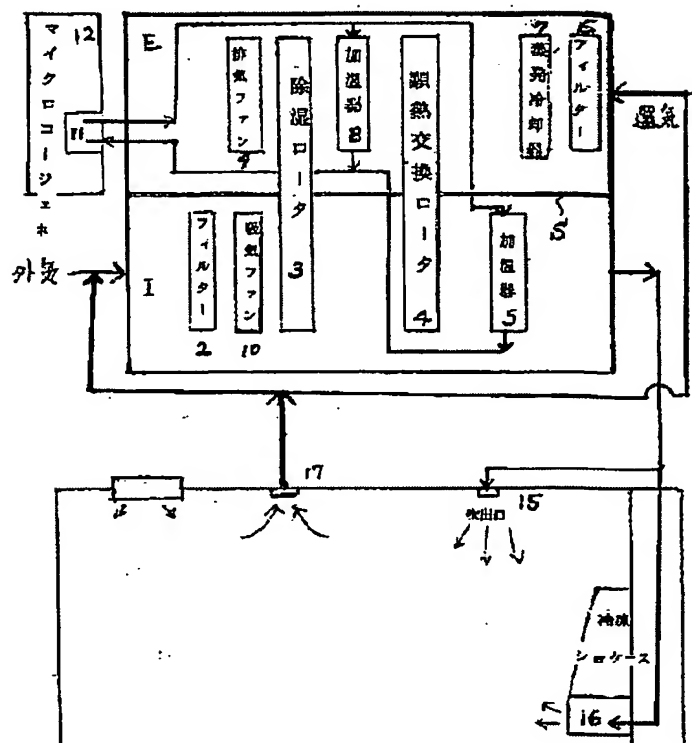
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APPLICANT : EARTH CLEAN TOHOKU:KK;

INVENTOR : KONNO KENICHI;

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TITLE : DESICCANT AIR-CONDITIONING
METHOD



ABSTRACT : PROBLEM TO BE SOLVED: To provide a desiccant air-conditioning method to utilize hot water by the exhaust heat of a micro-generator (a generator).

SOLUTION: The desiccant air-conditioning method comprises an introduction part having an intake fan to introduce outside air; an exhaust part having an exhaust fan to return discharge indoor air and discharging it as regeneration outside air to the outside through an exhaust passage; a single or two heat exchange rotors having a function to dehumidify outside air introduced from the introduction part through an introduction passage and suck and regenerate return air from the chamber of an exhaust passage of an exhaust part; a vaporization type cooler to cool regeneration cold air fed from the interior of a chamber to a heat exchange rotor; a hot water coil to further heat return air regenerated by the heat exchange rotor of the exhaust passage; and a small fuel private power generator to supply a power to a power source for a cabin suction and exhaust fan and the heat exchange rotor. A boiler-less generator is constituted that temperature and humidity on the supply side to supply outside air dehumidified by the heat exchange rotor is supplied in a room are adjusted to a proper value and a low value and regeneration outside air containing the return air from the interior of a room is adjusted to a high temperature and middle humidity to the outside. Hot water utilizing an exhaust heat from the fuel private power generator is supplied to the hot water coil.

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